

ADDENDUM# 1
Roof Replacement at Morely Elementary School

Bid # 6178F

March 7, 2011

Dear Vendors:

The Contract Bidding Documents pursuant to Bid # 6178F are hereby revised as follows:

1. The new bid opening date is:

Tuesday, March 15, 2011 at 2:30 PM

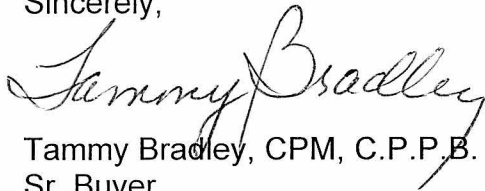
The following are in response to RFI's received:

1Q: Can you tell me where to find the asbestos report for Morley School?
1A: Attached to this addendum is a copy of the asbestos report.

Additional bid forms have been included in this addendum.

Thank you for your patience, time and consideration.

Sincerely,


Tammy Bradley, CPM, C.P.P.B.
Sr. Buyer

Enclosures

C: Joe Mercieri, Capitol Projects Manager



TOWN OF WEST HARTFORD 50 SOUTH MAIN STREET
TOWN OF WEST HARTFORD, CT 06107-2431
(860) 561-7470 FAX: 561-7492

Asbestos Bulk Sampling

June 8, 2010

Morley Elementary School
West Hartford, Connecticut

Town of West Hartford

West Hartford, Connecticut

June 23, 2010



FUSS & O'NEILL

Disciplines to Deliver

Fuss & O'Neill EnviroScience, LLC
146 Hartford Road
Manchester, CT 06040



FUSS & O'NEILL
EnviroScience, LLC

Disciplines to Deliver

June 23, 2010

Mr. Michael Longo
Manager of Maintenance Services
Town of West Hartford
Plant & Facilities Services
17 Brixton Street
West Hartford, CT 06110

RE: **Report of Limited Asbestos Roof Sampling**
June 8, 2010
Morley Elementary School, West Hartford, Connecticut
Fuss & O'Neill EnviroScience Project No. 20090611.C1E

Dear Mr. Longo:

Attached is the report for the bulk sampling of suspect asbestos-containing materials (ACM) on the roof of Morley Elementary School in West Hartford, Connecticut.

If you have any questions regarding the contents of this report, please contact us.

Sincerely,

James L. Scott, C.I.H.
Project Manager

JLS/cer

Enclosure

146 Hartford Road
Manchester, CT
06040

t (860) 646-2469

f (860) 533-5143

www.FandO.com

Connecticut
Massachusetts
New York
Rhode Island
South Carolina

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Asbestos Bulk Sampling Town of West Hartford

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Appendices

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APPENDIX A - LABORATORY REPORT
APPENDIX B - DRAWINGS

1 Introduction

On June 8, 2010, Fuss & O'Neill EnviroScience, LLC (EnviroScience) Environmental Technician I, Eric Chameroy, performed limited bulk sampling of roofing materials (see the drawing for the roof areas sampled). The sampling was performed in order to identify accessible asbestos-containing materials (ACM) that may be present. The inspection was conducted in accordance with EnviroScience's written proposal dated June 11, 2010.

Suspect visible or accessible suspect ACM was sampled to determine asbestos-containing material. Materials that were sampled were analyzed by Polarized Light Microscopy (PLM).

Finally, all ACM is quantified in linear and square footage, depending on the nature of the material. The quantities, conditions, and locations of ACM identified by bulk sample analysis or by assuming the material to contain asbestos are listed in *Table 1* of the Discussion section.

2 Results

Utilizing the USEPA protocol and criteria, the following materials were determined to be **ACM**:

MATERIAL TYPE	LOCATION	SAMPLE ID	ASBESTOS CONTENT	QUANTITY
Penetration flashing	Lower flat roof area	100608EC-03A – C	5% Chrysotile	40 LF
Perimeter flashing	Pitch roof area			1,090 SF
Flashing around pitch roof	Pitch roof area	100608EC-04A – C	5% Chrysotile	430 SF
Black patch cement on fiber mesh	Pitch roof area	100608EC-08A – C	8% Chrysotile	140 SF

Utilizing the USEPA protocol and criteria, the following materials were determined to be **non-ACM**:

MATERIAL TYPE	LOCATION	SAMPLE ID
Roof field	Lower flat roof area	100608EC-01A – C
Perimeter flashing	Lower flat roof area	100608EC-02A – C
Shingles	Pitch roof	100608EC-05A – C
Paper under shingles		100608EC-06A – C
Black patch cement	Lower flat rood area, pitch roof area	100608EC-07A – C
Dark gray caulking	Lower flat roof area	100608EC-09A – B
Light gray caulking		100608EC-10
White caulking		100608EC-11

3 Discussion

Sample analyses results are reported in percentages of asbestos and non-asbestos components. The USEPA defines any material that contains greater than one percent (>1%) asbestos, utilizing PLM, as being an ACM. Materials that are identified as “none detected” are specified as not containing asbestos. It is usually recommended that materials identified as containing less than one percent (<1%) asbestos be analyzed further. This is because PLM is known to

miss asbestos in a small percentage of samples that contain relatively low percentages of asbestos. The use of an electron microscope will definitely determine asbestos concentrations in samples with low asbestos content.

In this survey, PLM adequately identified ACM or non-ACM materials.

Utilizing the USEPA criteria, the following materials were determined to contain less than four percent (<4%) ACM and are recommended for further analysis to definitely determine asbestos concentrations; however, these materials can be assumed to be asbestos-containing. Additional analysis can be performed if you desire to attempt to determine that asbestos is not present. If asbestos content is estimated to be <10% by visual estimation, the USEPA has revised the definition to require that a "point-counting" technique associated with PLM be used to quantify asbestos content by volume.

MATERIAL TYPE	LOCATION	SAMPLE ID	ASBESTOS CONTENT	ASBESTOS CONTAINING MATERIAL
Shingles	Pitch roof section	100608EC-05A	<0.25% Chrysotile	No
		100608EC-05B	<0.25% Chrysotile	No
		100608EC-05C	0.50% Chrysotile	No
White caulking	Lower flat roof	100608EC-11	<0.25% Chrysotile	No

4 Conclusion

During the course of the inspection, twenty eight (28) bulk samples of suspect ACM were collected and 22 were analyzed. Non-friable ACM was identified during the survey. Friability defines the condition of ACM and its potential to release asbestos fibers into the air. Non-friable ACM cannot be crumbled under moderate hand pressure and, hence, does not release fibers into the air. All ACM that will be impacted during renovation or demolition activities must be removed prior to work commencing in that area.

Report prepared by Fuss & O'Neill EnviroScience's Environmental Technician I, Eric Chameroy.

Reviewed by:

James L. Scott, C.I.H.
Project Manager

Kevin W. Miller
President

Bid of _____, BIDDER,
(Name of Bidder)

FOR ROOF REPLACEMENT AT MORLEY ELEMENTARY SCHOOL AUDITORIUM BID# 6178F
FOR THE TOWN OF WEST HARTFORD, CONNECTICUT.

To: Town of West Hartford
Chris Johnson, Purchasing Agent
Purchasing Services

The undersigned proposes to furnish all labor, materials and equipment, and to perform all work described in the Contract Bidding Documents for ROOF REPLACEMENT AT MORLEY ELEMENTARY SCHOOL AUDITORIUM BID# 6178F in accordance with the Contract Bidding Documents for the amounts shown herein under Schedule of Bids.

Receipt acknowledged of the following addenda:

Addendum No. _____	Dated _____
Addendum No. _____	Dated _____
Addendum No. _____	Dated _____
Addendum No. _____	Dated _____
Addendum No. _____	Dated _____
Addendum No. _____	Dated _____

It is understood and agreed that the Owner has the privilege of rejecting any or all Bids and of waiving informality in any Bid.

It is further understood and agreed that this Bid shall be irrevocable for ninety (90) calendar days after Bid receipt date.

SCHEDULE OF BIDS

1. Base Bid No. 1 for furnishing all labor, materials, equipment and all else whatsoever necessary to perform all work described in the Contract Bidding Documents for ROOF REPLACEMENT AT MORLEY ELEMENTARY SCHOOL AUDITORIUM

for the lump sum of _____
_____ Dollars (\$_____)

2. ALTERNATE NO 1 Deduct from Base Bid for furnishing all labor, materials, equipment and all else whatsoever necessary to perform all work described in the Contract Bidding Documents Detail B-A-1

for the lump sum of _____
_____ Dollars (\$_____)

UNIT PRICING

1. Furnishing all labor, materials, equipment and all else whatsoever necessary to remove and replace T & G Decking on sloped roof with the material as shown on detail D A-1

\$_____ per Sq. Ft \$_____ per 32 Sq. Ft

2. Furnishing all labor, materials, equipment and all else whatsoever necessary to replace Tectum Deck on flat roof areas with like materials as shown on Detail B A-1

\$_____ per Sq. Ft \$_____ per 32 Sq. Ft

CONTRACT TIME

The undersigned Bidder will accomplish all Work required by the Contract Bidding Documents and will provide Substantial completion by August 15, 2011, and will provide the Project, ready for Final Completion, by September 1, 2011.

BIDDER QUALIFICATIONS

A: If the Bidder is a Corporation, fill out:

The Bidder is a Corporation, organized under the laws of _____, having its principal office at _____. The Principal officers of said Corporation, with their titles and addresses, are as follows:

All persons interested in the Bid as principals are to be named above.

B. Bid must be accompanied by either a certified check, treasurer's check or a Bid Bond, as provided in the Invitation to Bid. If a check is enclosed herein, fill out the following:

(Name of Bank) (Address of Bank) (Amount of Check)

C. Attached hereto are two forms entitled "Summary of Work History". The Bidder is required to complete Form 1 and 2.

D. The Bidder is required to submit a Certificate of Insurance in amounts and types specified in Article 11 of the Supplementary General Conditions or provide a letter from the Bidder's insurance agent or broker that such insurance is obtainable at the time of execution of the Agreement and that a Certificate of Insurance shall be provided to that effect not later than the date of Contract signing. (See page #00204- 7)

- E. Contract award will be by AIA Agreement Form 101. A copy of the AIA Form 101 is included for the Bidder's information. The parties shall enter into an Agreement in substantially the same form as the attached subject to technical and other modifications as the parties mutually agree. A purchase order shall be issued by the Town subsequent to the execution of the Agreement.
- F. The Contractor by executing this Bid agrees and represents that no person acting for or employed by the Town of West Hartford is directly or indirectly interested in the Bid or proposed Agreement or in the supplies or works to which it relates, or will receive any part of the profit or any commission therefrom in any manner which is unethical or contrary to the best interest of the Owner.
- G. The Contractor agrees and warrants that in the performance of this Contract it will not discriminate or permit discrimination against any person or group of persons on the grounds of sex, race, color, religion, age, marital status, ancestry, national origin, past history of mental disorder, mental retardation or physical disability or other basis in any manner prohibited by the laws of the United States, the State of Connecticut, or the Town of West Hartford.
- H. The Contractor shall employ a full time, on-the-job Project Superintendent as his representative.
- I. The Contractor and/or Subcontractor offers and agrees to assign to the Town of West Hartford and/or the West Hartford Board of Education all rights, titles and interest in all causes of action it may have under Section 4 of the Clayton Act., 15 U.S.C. Section 15, or under Connecticut General Statutes 35-24 et. seq., as amended, arising out of the purchase of services, property, or intangibles of any kind pursuant to the Agreement, or Subcontracts thereunder. This assignment shall be made and become effective at the time the Town/Board awards or accepts such Agreement, without further acknowledgment by the parties. In the alternative, at the option of the Town, the Contractor and/or Subcontractor agrees to pay to the Town its proportionate share of recoveries for anti-trust violations which relate to purchases pursuant to this Contract, or Subcontracts hereunder. The Contractor and/or Subcontractor agrees promptly to notify the Purchasing Agent of the Town of West Hartford of suspected anti-trust violations and claims.

J. The Bidder is aware of and agrees that, if awarded an Agreement, he is bound by the following indemnification language:

1. To the fullest extent permitted by law, the Contractor shall release, defend, indemnify, and hold harmless the Town of West Hartford, and the West Hartford Board of Education, their respective boards, commissions, officers, officials, employees, agents, representatives, and servants from any and all suits, claims, losses, damages, costs (including without limitation reasonable attorneys' fees), compensation, penalties, fines, liabilities or judgments or any name or nature for:

1. Bodily injury, sickness, disease, or death; and/or

2. Damage to or destruction of property, real or personal; and/or

3. Financial losses (including, without limitation, those caused by loss of use)

sustained by any person or concern, including officers, employees, agents, Subcontractors or servants of the Town, the Board of Education, or the Contractor, or by the public, which is cause or alleged to have been caused in whole or in part by the negligent act(s) or omission(s) of the Contractor, its officers, employees, agents, or Subcontractors, in the performance of this Agreement or from the inaccuracy of any representation or warranty of the Contractor contained in the Contract Documents. This indemnity shall not be affected by other portions of the Agreement relating to insurance requirements.

2. To the fullest extent permitted by law, the Contractor agrees to release, defend, indemnify, and hold harmless the West Hartford Board of Education, and the Town of West Hartford, their respective boards and commissions, officials, officers, employees, agents, representatives, and servants from any loss, claim, cost penalty, fine or damage that may arise out of the failure of the Contractor, its officers, agents, employees or Subcontractors to comply with any laws or regulations of the United States of America, the State of Connecticut, the Town of West Hartford, West Hartford Board of Education, or their respective agencies. This undertaking shall not be affected by other portions of the Agreement relating to insurance requirements.

K. Substantial completion must be achieved by **August 15, 2011** and final completion must be achieved by **September 1, 2011**. The Contractor shall pay the Owner liquidated damages in the amount of Three Hundred Dollars (\$300.00) per calendar day, which sum is hereby agreed upon, and shall be assessed not as a penalty, but as liquidated damages which the Owner shall suffer by reason of such default. The Owner and Contractor shall acknowledge that failure to effect substantial completion as noted above will precipitate inconvenience and disruption. The Owner and Contractor shall acknowledge that such damages are uncertain or difficult to prove and that the amounts established herein are reasonable assessment of these damages.

BIDDER:

COMPANY

Bidder must sign. Failure to provide an original signature will result in rejection of the bid.

®

SIGNATURE BY DULY AUTHORIZED
(SEAL)

PRINT OR TYPE NAME

The bidder agrees that by affixing their signature to this request for bids, the authorized signatory grants approval to the Town of West Hartford to obtain third party credit reports for the purpose of assessing the financial capacity of the business entity tendering such bid to the Town.

TITLE

DATE

ADDRESS

TELEPHONE

FAX #

VENDOR FEIN #

BID FORMS TO BE SUBMITTED IN DUPLICATE

If you are not registered with the Town of West Hartford, please go to www.west-hartford.com/e-proc/ and select register. Only registered vendors can be awarded the contract.

00204-6

Chris Johnson
Purchasing Agent

TO: Town of West Hartford

FROM:

CLIENT:

DATE:

Dear Mr. Johnson:

In accordance with page 00204-3, Paragraph D of the "Bid Form", please be advised that my client currently has or will have by the date of the execution of the Agreement for this project, a Certificate of Insurance in amounts and types as specified in Article 11 of the Supplementary General Conditions.

Signature
Authorized Agent or Broker

00204-7

SUMMARY OF WORK HISTORY

1. The bidder is required to state in the spaces provided below work that the bidder has performed of a similar character to the work described in the Contract Bidding Documents.

[illegible]

SUMMARY OF WORK HISTORY

2. The bidder is further required to furnish a complete list of all projects for which he has signed a construction contract within the past 36 months.

[illegible]

Bid Form